

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003228**Date Inspected:** 01-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai,China**CWI Name:** C. M. Chen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Tim McClendon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

South Fabrication Bay OBG Assemblies

OBG Assembly Segment 3AE- Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segment 3BE- Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segment 4AE- Caltrans QA observed ZPMC in the process of fitting up longitudinal shear plate on said segment at panel point 25.

OBG Assembly Segment 4BE- Caltrans QA observed this segment is idle on this date. There are no activities to report.

North Fabrication Bay OBG Assemblies

OBG Assembly Segment 5BW- Caltrans QA observed this segment is idle on this date. There are no activities to

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report.

OBG Assembly Segment 4BW- Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segment 4AW- Caltrans QA observed this segment is idle on this date. There are no activities to report.

OBG Assembly Segment 3BW- Caltrans QA observed ZPMC in the process of SAW joining Side Plate C5 to Bottom Plate D6.

OBG Assembly Segment 3AW- Caltrans QA observed ZPMC NDT Technician conduct UT Inspection of CJP weld joining C5 to D6, weld is identified as FL2-1 to FL1-1 after repairs.

Summary of Conversations:

No relevant conversations spoken on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady, Velasco 13816942685, who represents the Office of Structural Materials for your project.

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| Inspected By: | McClendon,Timothy | Quality Assurance Inspector |
| Reviewed By: | Cuellar,Robert | QA Reviewer |
